

F-8041

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AMENDMENTS TO THE CLAIMS:

Please replace the claims with the claims provided in the listing below wherein status, amendments, additions and cancellations are indicated.

1. (Currently Amended) A diecasting machine comprising:

an injection cylinder for loading molten metal into a mold cavity by injection;

a single two-way hydraulic pump driven by a servo driving motor for supplying hydraulic fluid to the injection cylinder in two directions;

5 a hydraulic circuit for driving the injection cylinder by controlling supply of hydraulic fluid from the two-way hydraulic pump to the injection cylinder and discharge of hydraulic fluid from the injection cylinder which proceeds in accordance with movement of a piston of the injection cylinder; and

a hydraulic controller for controlling rotational speed of the servo driving motor associated with the two-way hydraulic pump in injection/loading the molten metal and controlling torque of the servo driving motor in dwelling;

wherein,

said piston-protruding-side hydraulic fluid pipeline being connected to a piston-protruding-side hydraulic fluid chamber of an injection cylinder;

15 a piston-retracting-side hydraulic fluid pipeline being connected to a piston-retracting-side hydraulic fluid chamber;

F-8041

Identifier: Naohiko TSUZUKI, et al.

said two-way hydraulic pump being connected in between said piston-protruding-side hydraulic fluid pipeline and said piston-retracting-side hydraulic fluid pipeline;

5 said piston-protruding-side hydraulic fluid pipeline and piston-retracting-side hydraulic fluid pipeline are connected by a common pipeline;

a tank pipeline disposed in said common pipeline for causing hydraulic pressure to return to a hydraulic fluid tank and for causing hydraulic fluid to be suctioned from said hydraulic fluid tank;

10 a check/one-way valve disposed on a piston-protruding-side hydraulic fluid pipeline side section of said common pipeline; and

a check valve disposed on said piston-retracting-side hydraulic fluid pipeline side section of said common pipeline, said check valve inhibiting hydraulic fluid from returning in a direction of said tank pipeline.

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2. (Currently Amended) A diecasting machine comprising:

an injection cylinder including a piston, said cylinder for loading molten metal into a mold cavity by injection;

20 a plurality of two-way hydraulic pumps, including first and second pumps, connected in parallel with each other and driven by respective servo

F-8041

Identifier: Naohiko TSUZUKI, et al.

driving motors for supplying hydraulic fluid to the injection cylinder in two directions;

said first and second pumps each having a first port, each first port connecting to an injection port of said cylinder and not to a retraction port of said cylinder;

said first and second pumps each having a second port, each second port connecting to said retraction port of said cylinder and not to said injection port of said cylinder;

a hydraulic circuit for driving the injection cylinder by controlling supply of hydraulic fluid from the two-way hydraulic pumps to the injection cylinder and discharge of hydraulic fluid from the injection cylinder for advancing or retracting said piston ~~which proceeds in accordance with movement of a piston of the injection cylinder;~~

said hydraulic circuit comprising a plurality of valves, said valves consisting of a check valve and a check/one way valve; and

a hydraulic controller for;

actuating, during injection/loading the molten metal, both of said one of the two-way hydraulic pumps or one of said two-way hydraulic pumps which is larger in capacity; and

F-8041

Identifier: Naohiko TSUZUKI, et al.

actuating, during dwelling, either of said two-hydraulic pumps or
~~both of the two-way hydraulic pumps in injection/loading the molten~~
~~metal and actuating any one of the two-way hydraulic pumps or one of~~
the two-way hydraulic pumps which is smaller in capacity ~~in dwelling.~~

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3. (Original) The diecasting machine according to claim 2, wherein the two
two-way hydraulic pumps are generally equal in capacity.

4. (Original) The diecasting machine according to claim 2, wherein one of
the two-way hydraulic pumps which is driven in injection/loading the molten
10 metal is larger in capacity than the other two-way hydraulic pump which is not
driven in injection/loading the molten metal.

5. (Original) The diecasting machine according to claim 1, wherein the
hydraulic controller is operative to control a discharge rate of the two-way
hydraulic pump based on hydraulic pressure information from a hydraulic fluid
15 pipeline situated on a side toward which the piston is protruding.

6. (Original) The diecasting machine according to claim 2, wherein the
hydraulic controller is operative to control a discharge rate of each of the

F-8041

Identifier: Naohiko TSUZUKI, et al.

two-way hydraulic pumps based on hydraulic pressure information from a
hydraulic fluid pipeline situated on a side toward which the piston is protruding.

7-8. (Cancelled)